



03180

Please read the following instructions and warnings carefully.

Keep this instruction manual for future reference.

Requires 2 AAA batteries (included).

For Technical Support

Call 1-800-268-6237

or E-Mail at

customerservice@summerinfant.com

For use with children from birth and up.



INSTRUCTION MANUAL

3 IN 1 FAMILY THERMOMETER

We congratulate you on your purchase of 3 in 1 Family Thermometer. Our innovative thermometer enables very fast and reliable measurements and with its predictive technology the thermometer offers a very high clinical accuracy and has been designed to provide a maximum of user-friendliness.



WARNING:

- Cord poses a potential strangulation hazard to young children. When not in use, store out of children's reach.
- Use of this thermometer is not intended as a substitute for consultation with you physician.
- The thermometer is not waterproof! NEVER immerse into liquids



CAUTION:

THIS PRODUCT IS NOT A TOY. ADULT SUPERVISION IS REQUIRED. STORE AWAY FROM CHILD'S REACH.

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YOUR 3 IN 1 FAMILY THERMOMETER: OPERATION AND ADVANTAGES

Complete a Measurement in 5/6/7 Seconds

The innovative predictive technology incorporated in the thermometer allows calculation in 5/6/7 seconds (rectal/oral/underarm).

Ergonomic Probe Shape

Ergonomic probe shape for each measuring site (oral, underarm, and rectal). This makes the measurement more comfortable and reliable

Accurate and Reliable

Accuracy of measurements with the thermometer is comparable to that of a conventional pen-type one.

Fever Indicator

RED backlight will be on for 5 seconds if reading is equal to or higher than 99.5°F (37.5°C).

Lighted Large Display

Large display with backlight makes the thermometer easy to use and read.

OPERATION AND ADVANTAGES (CONT.)

Multiple Reading Recalls

Users will be able to recall the last 10 readings when entering the recall mode, enabling tracking of temperature variation in a more efficient way.

Acoustic Signal

A beeper works to indicate readiness for use and end of a measurement.

Dual Temperature Scale

The temperature scale can be switched from Celsius to Fahrenheit and vice-versa.

Probe Detection Section

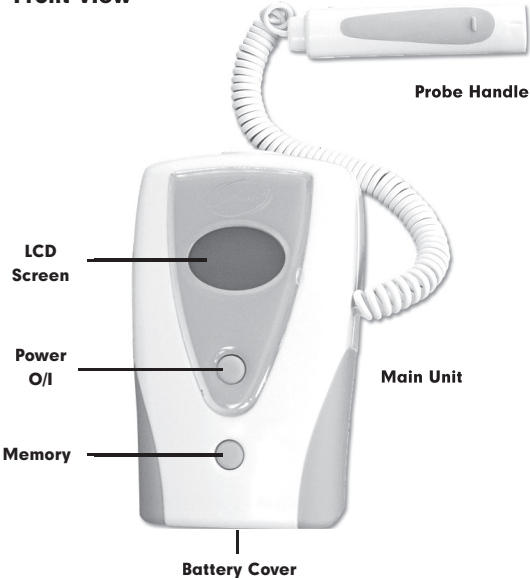
This device detects which probe is used and displays the the body site icon on the LCD.

IMPORTANT SAFETY INSTRUCTIONS

- Never use the thermometer for purposes other than body temperature measurement. Please follow the safety precautions when using in on children.
- Always clean the thermometer probes before and after each use.
- Never immerse the thermometer or probes in water or other liquids (not waterproof). For cleaning and disinfecting, please follow the instructions in the "Cleaning and Storage" section of the instructions.
- Keep the thermometer and probes away from direct exposure to the sun and keep in a dust-free, dry area at a temperature between 50°F-104°F, (10°C-40°C).
- Do not use the thermometer if there are signs of damage on the probe tips or the thermometer itself. If damaged, do not attempt to repair the thermometer! Please contact Summer Infant's Consumer Relations Department.
- This 3 in 1 Family Thermometer consists of high-quality precision parts.
- Do not drop the instrument! Protect it from severe impact and shock.
- Avoid the soft tips more than 45°.
- Avoid ambient temperature above 140°F (60°C).

FEATURES AND COMPONENTS

Front View



Oral



Underarm





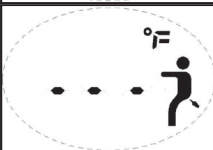
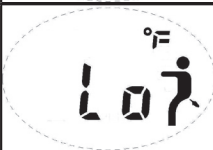
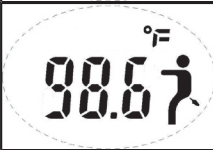

Rectal



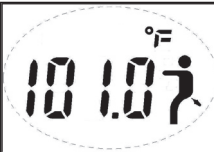



Probe Tray



CONTROL DISPLAYS AND SYMBOLS

LCD Display	Display Meaning	Description
	All segments displayed	Press the O/I button to turn on the unit. All segments will be shown for 2 seconds.
	Recall of last reading	Show last reading for 2 seconds
	Probe detection	The device detects which probe is used and displays the body site icon.
	Ready-for-measurement	Ready-for-measurement
	Completion of a measurement	5 short beeps and then green backlight on for 5 seconds when the temperature is lower than 99.5°F (37.5C)
	Completion of a measurement by regular mode	During measurement, if irregular action such as movement of the body which produce abnormal data is detected, the device will enter regular measurement mode with the body icon disappeared and one beeper alarm.

CONTROL DISPLAYS AND SYMBOLS

	Fever alarm	15 short beeps and then red backlight on for 5 seconds when the temperature is higher than 99.5°F (37.5°C) in order to alert the patient that he/she may have a fever.
	Low battery indication	When the battery voltage drops to the low level, the symbol "  " will appear on LCD to remind user to change battery
	Error detection	<ol style="list-style-type: none">1. The device detects problem on the circuit.2. The probe does not connect well.

IMPORTANT: The thermometer is not waterproof.

CHANGING FROM CELCIUS TO FARENHEIT AND VICE VERSA

The 3 in 1 Family Thermometer can display temperature measurements in either Fahrenheit or Celsius.

To switch the scale from °C to °F or vise versa, press the O/I button for more than 3 seconds, and the unit is changed from °C to °F, then the device enters to measuring mode automatically.

MEASURING THE TEMPERATURE

Your 3 in 1 Family Thermometer will always attempt first to calculate the temperature with the predictive technology in **Prediction mode**. If correct measurement in the **Prediction mode** is repeatedly impossible (e.g. failure to position the probe adequately) the instrument automatically switches to **Regular mode**.

In this mode the temperature is determined as with a conventional digital medical thermometer by extending the measuring time.

MEASURING THE TEMPERATURE (CONT.)

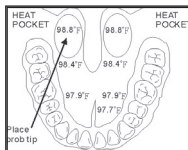
1. Connect the right probe for the measuring site you would like to take the temperature of before turning on the device by connecting probe to probe handle.

2. Turn on the device and it automatically displays all segments, last reading and check circuit before it is ready for measurement

3. Oral measurement

When correctly used your thermometer is able to measure the temperature in the mouth in **approximately 6 seconds**.

a. Carefully introduce the measuring tip in the slightly opened mouth of the patient. When doing so the measuring tip must be positioned as instantly as possible in one of the two warming pockets to the left or right next to the frenulum of the tongue. Now lightly close the lips around the measuring tip.



Note: Among other things the measured temperature is dependent on the position of the measuring tip in the mouth. The most accurate temperature is obtained in the warming pockets to the left and right next to the frenulum of the tongue. Breathing through the mouth and taking food and drinks directly prior to measurement also influences the temperature values obtained by oral measurement.

b. Keep the measuring tip in permanent contact with the mucous membrane of the mouth during the entire measuring process.

Holding the measuring tip still guarantees rapid and accurate measurement.

4. For underarm measurement

When correctly used your thermometer is able to measure the temperature in the underarm in **approximately 6 seconds**.

a. Wipe underarm with a dry towel

b. Place probe tip in armpit and bring arm down against the body. The probe should be pointing upward in the same direction as your body if possible.

MEASURING THE TEMPERATURE (CONT.)

5. For rectum measurement

When correctly used your thermometer is able to accurately measure the temperature in the Rectal in **approximately 5 seconds**.

a. Move the two cheeks of the buttocks somewhat apart with one hand and carefully introduce the measuring tip not more than 1.5cm (less for babies and small children) in the rectum. A lubricant (cream) can be used if required.

b. The measuring tip must be in complete contact with the mucus membrane. Do not move the measuring tip so as not to injure the mucous membrane. Holding the measuring tip still guarantees rapid and accurate measurement.

6. While measuring the temperature the LCD display following. These indicate that measuring is in progress.



Note: If the measuring tip is moved during the measuring process, the measuring time is extended in order to enable accurate temperature measurement.

7. Once the final measured temperature has been obtained **five short beep are heard** and green back light is on for 5 seconds if the reading below 99.5°F (37.5°C), or red back light is on for 5 seconds if the reading is above 99.5°F (37.5°C) with 15 short beep sound.

8. To switch off the thermometer, briefly press the O/I button. If this is not done, the thermometer switches off automatically after approximately 3 and half minutes.


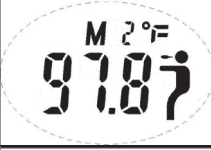


BATTERY WARNING:

- Do not mix old and new batteries.
- Do not mix alkaline, standard, or rechargeable batteries.
- Remove batteries when product is stored for long periods of time or when batteries are exhausted.
- Dispose of exhausted batteries properly.

HOW TO RECALL 10 READINGS IN MEMORY MODE

The 3 in 1 Family Thermometer can recall the last 10 readings.
To recall please follow the sequence.

Operation Sequence	LCD Display	Beeper/Backlight
Turn unit off and push memory key. The reading, measurement site symbol, and M 1 are displayed		Beeper: one short beep Back Light: On for 5 seconds
Push memory key again to recall other memories in sequence		Back Light: On for 5 seconds
If there is no action after press memory key and goes to automatic shut off in 1 minute.		

CLEANING AND STORING

Use a soft slightly moist cloth to clean the thermometer casing and the measuring tip. Ensure that no liquid enters the interior of the thermometer. For disinfecting wipe the thermometer with approximately 70% ethyl alcohol. Never use abrasive cleaning agents, thinners or benzene for cleaning and never immerse the instrument in water or other cleaning liquids. Take care not to scratch the surface of the LCD.

Remove the batteries from the thermometer if it is not required for extended periods of time in order to avoid damage to the thermometer resulting from a leaking battery.

BATTERY REPLACEMENT

The 3 in 1 Family Thermometer is supplied with two AAA batteries. Replace with new batteries when the low battery symbol appears on the LCD display.

Remove the battery cover by depressing tab and opening.


Remove old batteries and replace with new ones. Snap battery cover back in place.



TECHNICAL SPECIFICATIONS

Features	Description
Measuring range	89.6°F ~109.2°F (32°C ~42.9°C)
Resolution	0.1°F (0.1°C)
Accuracy	Comply with ASTM E1112-00 and EN12470-3 requirement
Measurement time	Predict mode: 5 seconds in rectal Regular mode: 10 seconds in rectal
Power source	1.5V AAA battery X2
Back light	1. Green light is on when the reading is below 99.5°F (37.5°C) 2. Red light is on when the reading is above 99.5°F (37.5°C)

TECHNICAL SPECIFICATIONS (CONT.)

Features	Description
Beeper function	a. 1 beep sound is made when power ON or OFF. b. 5 beeps are made after the measuring is completed.
Memory function	Turn on the unit. It will automatically display the last reading for 2 seconds after display check.
Auto Power-Off function	Around 3 and a half min. ± 30 seconds after the measurement is completed.
Out-of-range indication	Displays "Lo" when the measurement is lower than 89.6°F (32°C) and "Hi" when higher than 109.2°F (42.9°C)
Low battery indication	When the battery voltage drops to the low level, the symbol "  " will appear on LCD.
Operating temperature	50~104°F (10~40°C), 15~95%R.H. noncondensation
Storage temperature	-4°F to 140°F (-20°C to +60°C)
Self-test function	It runs automatically after power on. Display "Err" when system malfunction.
Reference to standards	EN12470-3: 2000, clinical thermometers ASTM E1112- 00 standard

Please observe the applicable disposal regulations to dispose of the instrument and the batteries.

WARRANTY

We grant you **1 year** warranty after the date of purchase. This product has been produced with the greatest care according to international quality standards, established in the European Guideline for Medical Products 93/42/EEC, and it was subjected to strict testing before delivery. Should you nevertheless have reasons of complaint, please send the thermometer together with the warranty certificate, filled out, to the service address given on the back.

Any damage caused by improper handling shall not be covered by the warranty. Batteries and packaging are also excluded from the warranty. All other damage claims excluded. A warranty claim must be submitted within the warranty period.

We at Summer Infant stand behind all of our products. If you are not completely satisfied or have any questions, please contact our Customer Service Department at 1-800-268-6237 or e-mail us at customerservice@summerinfant.com.



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